(a) isolating neural stem cells from the tissue of a donor, the progeny of said neural stem cells being capable of differentiating into neurons, astrocytes, and oligodendrocytes,

(b) proliferating the isolated neural stem cells in a culture medium containing a growth factor to produce precursor cells,

(c) harvesting the precursor cells, and

(d) [associating] causing the harvested precursor cells to come into contact with a demyelinated axon to effect remyelination of said demyelinated axon.

In Claim 3, line 2, replace "axons are those" with --axon is that--.

7. (Amended) A method of remyelinating a neuron[s] comprising the steps of:

(a) isolating neural stem cells from the tissue of a donor, the progeny of said neural stem cells being capable of differentiating into neurons, astrocytes, and oligodendrocytes,

(b) proliferating the isolated neural stem cells in a first culture medium containing a growth factor to produce precursor cells,

(c) differentiating the precursor cells in a second culture medium that is substantially free of said growth factor to produce oligodendrocytes, and

(d) [associating] causing the oligodendrocytes to come into contact with a demyelinated axon to effect remyelination of said demyelinated axon.

14. (Amended) The method of Claim 7 wherein the precursor cells of step (b) are in clonally-derived neurospheres.

In Claim 15, line 2, replace "axons are those" with --axon is that--.